

ABSTRACT OF THE DISCLOSURE

The invention relates to ventilation device for a high pressure turbine rotor in a turbomachine, the turbine comprising upstream (3) and downstream (5) turbine disks fitted with blades (4, 6), the device
5 comprising a cooling circuit being supplied by a cooling airflow D taken from the back of the combustion chamber. According to the invention, the circuit is such that the airflow passes through orifices (74) formed in an upstream flange (66) of the upstream disk, such that this
10 airflow circulates in the axial direction towards the downstream side between an inner reaming (48) of the upstream disk and a downstream flange (78) of the downstream disk, the device also comprising a labyrinth (80) inserted between the two disks, such that the
15 airflow is divided into a first flow F1 and a second flow F2 circulating on each side of the labyrinth towards the blades (4, 6).

Figure 2.